

PARCEL MAP 30782

STREET IMPROVEMENT PLANS

ALAMO ST. & CARTER AVE.

(AND PRIVATE STREETS)

NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THESE PLANS ARE NOT INTENDED TO SHOW LOCATIONS OF ELECTRICAL LINES, LANDSCAPE IRRIGATION LINES, ETC. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES AND STRUCTURES SHOWN ON THESE PLANS.

THE EXISTING UNDERGROUND UTILITIES AND SUBSTRUCTURES IDENTIFIED ON THESE PLANS WERE TAKEN FROM AVAILABLE RECORDS AND SHOWN ACCORDINGLY, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION PART 1 SECTION 5, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING UNDERGROUND SERVICE ALERT (OR CALTRANS ON STATE HIGHWAYS) TO IDENTIFY ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, AND SHALL DETERMINE THEIR LOCATIONS & DEPTHS, INCLUDING SERVICE CONNECTIONS WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS PRIOR TO STARTING WORK ON THE PROJECT. IF CONFLICTING UTILITIES ARE NOT BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE START OF THE CONTRACTOR'S WORK, THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY CHANGES, REVISIONS OR MODIFICATIONS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION" OF THE DEPARTMENT OF U.S. LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

GENERAL NOTES:

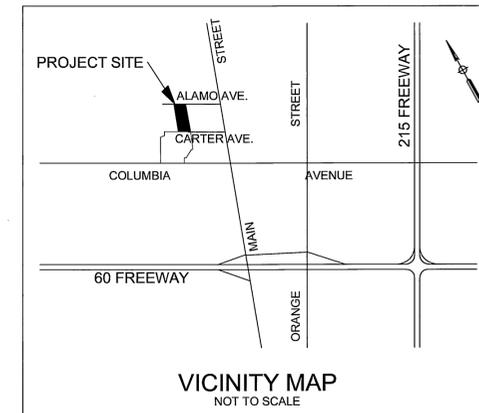
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL OBJECTS WITHIN PUBLIC RIGHT OF WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DWGS., ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE ENGINEER OF RECORD.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STD. DWG. NO. 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE ENGINEER OF RECORD PRIOR TO THE CONSTRUCTION OF CURB AND GUTTER.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE FILL IS ONE FOOT (1') OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING STREET TO TRAFFIC.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR(S).
- FINAL STRIPING FOR TRAFFIC CONTROL AND OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PHONE: 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA TO THE CITY.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING THE A.C. PAVEMENT.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

PUBLIC STREET CONSTRUCTION NOTES

ESTIMATE OF QUANTITIES:

1	SAW-CUT AND REMOVE EXISTING P.C.C. CURB AND GUTTER.	80 L.F.
2	SAW-CUT AND REMOVE EXISTING A.C. PAVEMENT.	3142 S.F.
3	CONSTRUCT (TYPE I) 6" CF CURB AND GUTTER PER CITY STD. DWG. NO. 200.	280 L.F.
4	CONSTRUCT CURB SIDEWALK PER CITY STD. DWG. NO. 325. (W=6')	3,400 S.F.
5	CONSTRUCT CROSS GUTTER & SPANDREL PER CITY STD. DWG. NO. 220, W=6'	1664 S.F.
6	CONSTRUCT (TYPE III) WHEELCHAIR RAMP PER CITY STD. DWG. NO. 304.	2 EA.
7	CONSTRUCT 4" ASPHALT CONCRETE PAVEMENT OVER 7" CLASS II AGGREGATE BASE PER S.R.# _____, R=40	5547 S.F.
8	CONSTRUCT (TYPE II) 6" A.C. BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250.	20 L.F.
9	ADJUST WATER METER BOX TO GRADE.	1 EA.
10	INSTALL STREET NAME SIGN PER CITY OF RIVERSIDE STD. DWG. NO. 662.	2 EA.
11	RELOCATE EXISTING FIRE HYDRANT ASSEMBLY PER PROJECT WATER IMPROVEMENT PLANS.	1 EA.
12	CONSTRUCT CROSS GUTTER ONLY PER CITY STD. DWG. NO. 220, SECTION A-A, W=12'	100 S.F.
13	INSTALL STREET TREE PER CITY OF RIVERSIDE STD. DWG. NO(S). 1001 & 1002 SEE SHEET 1 FOR REFERENCE DETAIL(S).	1 S.
14	CONSTRUCT (TYPE II) WHEELCHAIR RAMP PER CITY STD. DWG. NO. 304.	200 S.F.

THE ABOVE QUANTITIES ARE NOTED ON THIS PLAN BY THE ENGINEER SOLELY AS AN ESTIMATE OF THE WORK REQUIRED FOR THE PROJECT. THE CONTRACTOR IS HERE-BY NOTIFIED TO PROVIDE A BID BASED ON HIS OWN DETERMINATION OF QUANTITIES AND A COMPLETE JOB.



STREET NAME SIGN LEGEND:

4000 ALAMO
4000 CARTER
1000 CABOT ROAD @ CARTER
900 DALTON ROAD @ ALAMO

UNDERGROUND SERVICE ALERT:



Call: Toll FREE
1-800
227-2600

TWO WORKING DAYS BEFORE YOU DIG
"CAUTION": Remember that the USA Center notifies only those utilities belonging to the center. There could be other utilities present at the work site. The center will inform you of what they will notify.

CITY OF RIVERSIDE WATER SYSTEM

APPROVED BY: *[Signature]*

DATE: 5/6/04

CITY BUSINESS TAX CERT. NO. 75184, EXP. DATE: 4/21/05

PLANS PREPARED BY:
**LINVILLE CIVIL ENGINEERS
LAND SURVEYORS INC.**

1372 FOREST STREET
UPLAND, CA. 91784
(909) 989-3922

APPROVED BY: *[Signature]* DATE: 4/29/04
KENNETH N. LINVILLE R.C.E. NO. 20300 EXP. 9-30-05

MARK REVISION APPR. DATE
DESIGNED BY: K.N.L., DRAWN BY: J.C., CHECKED BY: K.N.L.

**CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 4/29/04
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CITY ENGINEER
DATE: 3/1/04

* A5-BUILT PER PLANS 8-15-06 Lft
**STREET IMPROVEMENT PLANS
PARCEL MAP 30782
ALAMO ST. & CARTER AVE.**
TITLE SHEET

HORIZ. SCALE: 1"=40', VERT. SCALE=1"=4'

P.W.03-0032

ACCOUNT NO.

R-3784

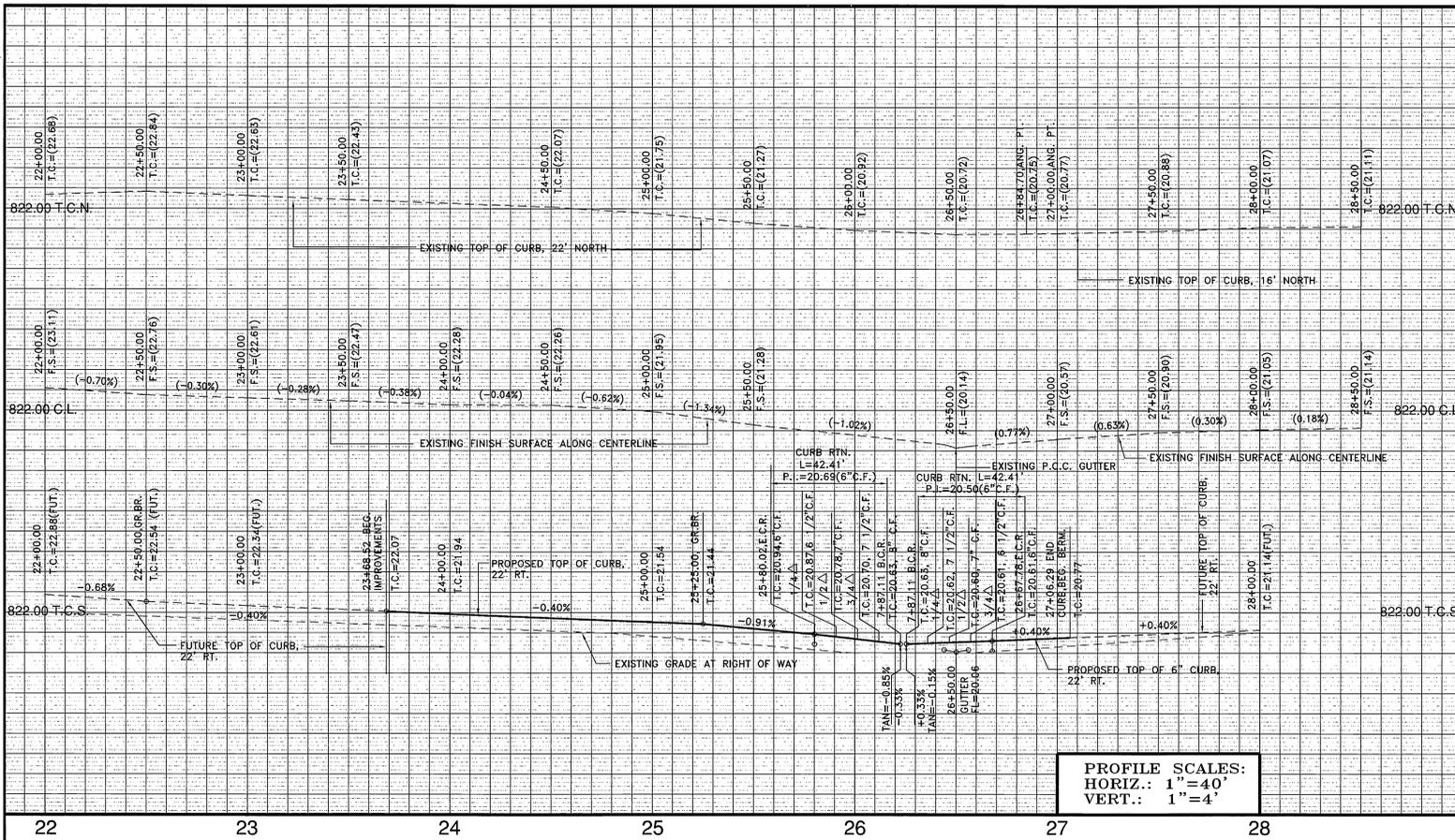
SHEET 1 OF 4

BENCHMARK NO. J7-K

P.K. NAIL AND TAG IN EAST CURB OF
MAIN STREET 18'± SOUTH OF B.C.R.
AT COLUMBIA AVENUE.

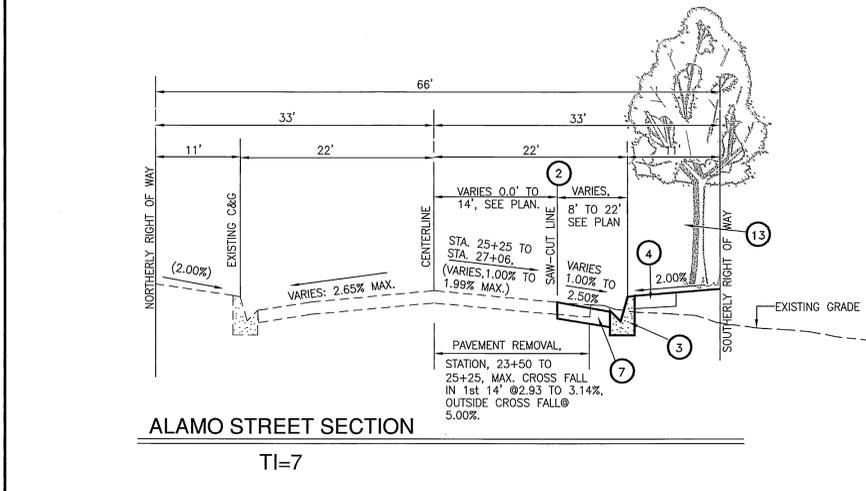
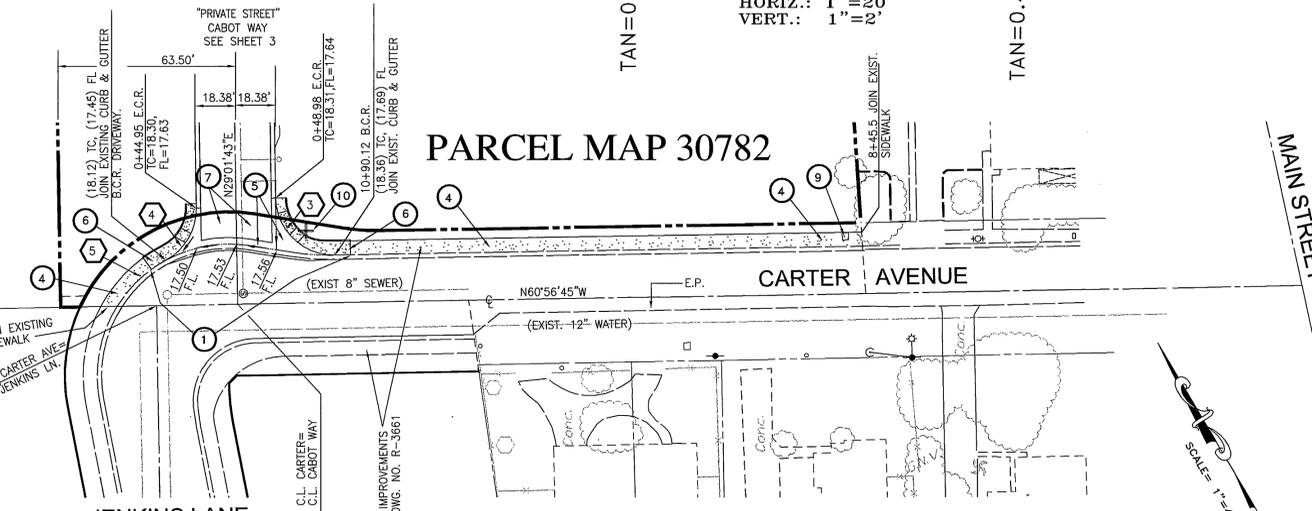
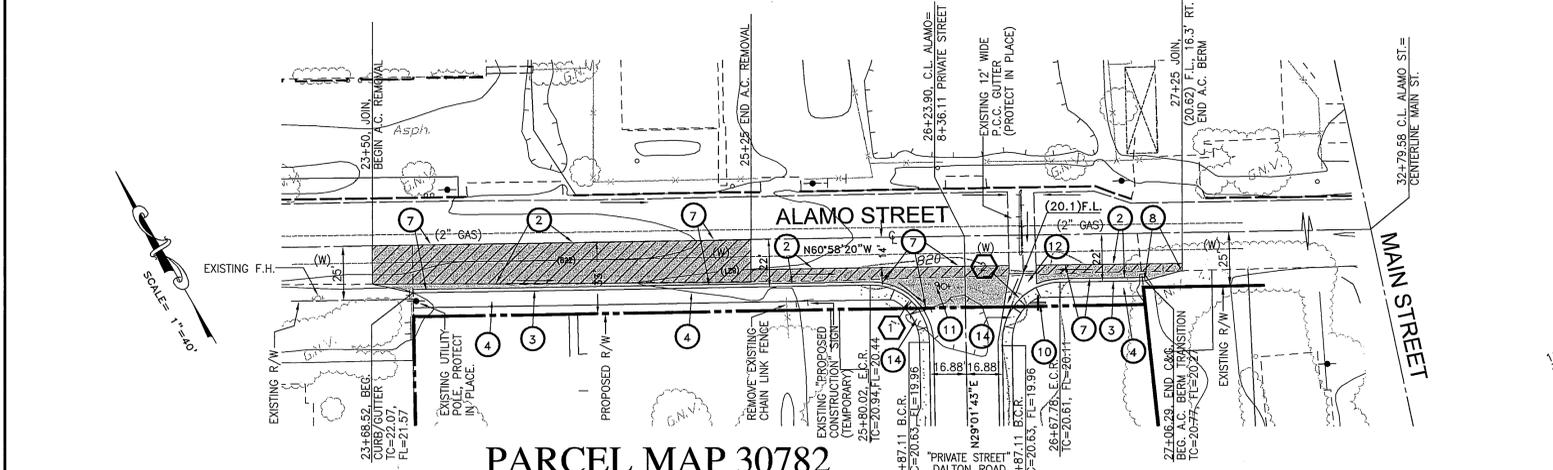
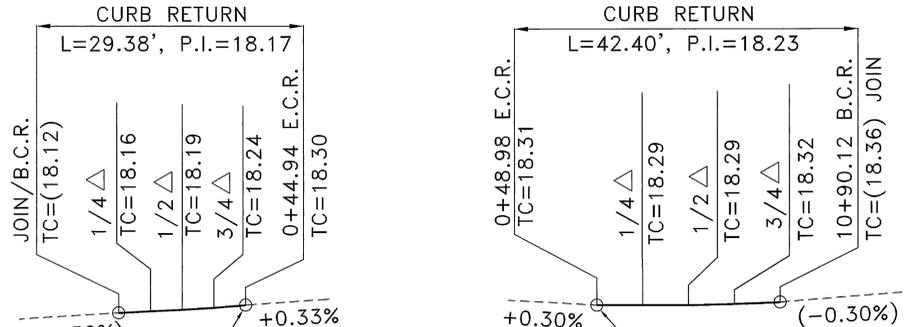
ELEVATION=813.23

INDEXED 7-8-04 Lft



PUBLIC STREET CONSTRUCTION NOTES

- 1 SAW-CUT AND REMOVE EXISTING P.C.C. CURB AND GUTTER.
- 2 SAW-CUT AND REMOVE EXISTING A.C. PAVEMENT.
- 3 CONSTRUCT (TYPE I) 6" CF CURB AND GUTTER PER CITY STD. DWG. NO. 200.
- 4 CONSTRUCT CURB SIDEWALK PER CITY STD. DWG. NO. 325. (W=6')
- 5 CONSTRUCT CROSS GUTTER & SPANDREL PER CITY STD. DWG. NO. 220, W=6'
- 6 CONSTRUCT (TYPE III) WHEELCHAIR RAMP PER CITY STD. DWG. NO. 304.
- 7 CONSTRUCT 4" ASPHALT CONCRETE PAVEMENT OVER 7" CLASS II AGGREGATE BASE PER S.R.# _____, R=40
- 8 CONSTRUCT (TYPE II) 6" A.C. BERM PER CITY OF RIVERSIDE STD. DWG. NO. 250.
- 9 ADJUST WATER METER BOX TO GRADE.
- 10 INSTALL STREET NAME SIGN PER CITY OF RIVERSIDE STD. DWG. NO. 662.
- 11 RELOCATE EXISTING FIRE HYDRANT ASSEMBLY PER PROJECT WATER IMPROVEMENT PLANS. (BY CITY FORCES)
- 12 CONSTRUCT CROSS GUTTER ONLY PER CITY STD. DWG. NO. 220, SECTION A-A, W=12'
- 13 INSTALL STREET TREE PER CITY OF RIVERSIDE STD. DWG. NO(S). 1001 & 1002 SEE SHEET 1 FOR REFERENCE DETAIL(S)
- 14 CONSTRUCT (TYPE II) WHEELCHAIR RAMP PER CITY STD. DWG. NO. 304.



CURVE DATA SCHEDULE:

1	R=27.00' Δ=90°00'03" L=42.41' T=27.00'	4	R=27.00' Δ=62°20'46" L=29.38' T=16.33'
2	R=27.00' Δ=89°59'57" L=42.41' T=27.00'	5	R=61.00' Δ=37°40'46" L=40.12' T=20.61'
3	R=27.00' Δ=89°58'25" L=42.40' T=26.99'		



CITY BUSINESS TAX CERT. NO. 75184, EXP. DATE: 4/21/05

PLANS PREPARED BY:
**LINVILLE CIVIL ENGINEERS
LAND SURVEYORS INC.**

1372 FOREST STREET
UPLAND, CA. 91784
(909) 989-3922

DATE: 4/24/04

APPROVED BY: *[Signature]* DATE: 5/6/04

CITY OF RIVERSIDE WATER SYSTEM

**CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 4/24/04

TRAFFIC DIVISION: *[Signature]*

STREET SERVICES

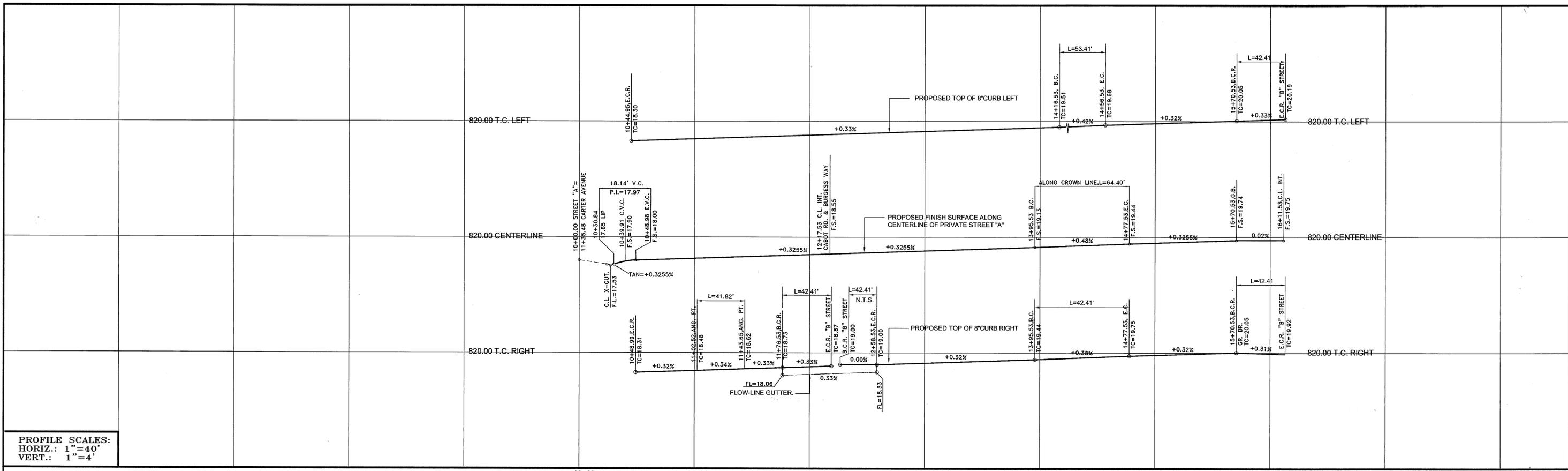
STREET PLAN AND PROFILE
**PARCEL MAP 30782
ALAMO ST. & CARTER AVE.**

HORIZ. SCALE: 1"=40', VERT. SCALE: 1"=4'

ACCOUNT NO.
R-3784

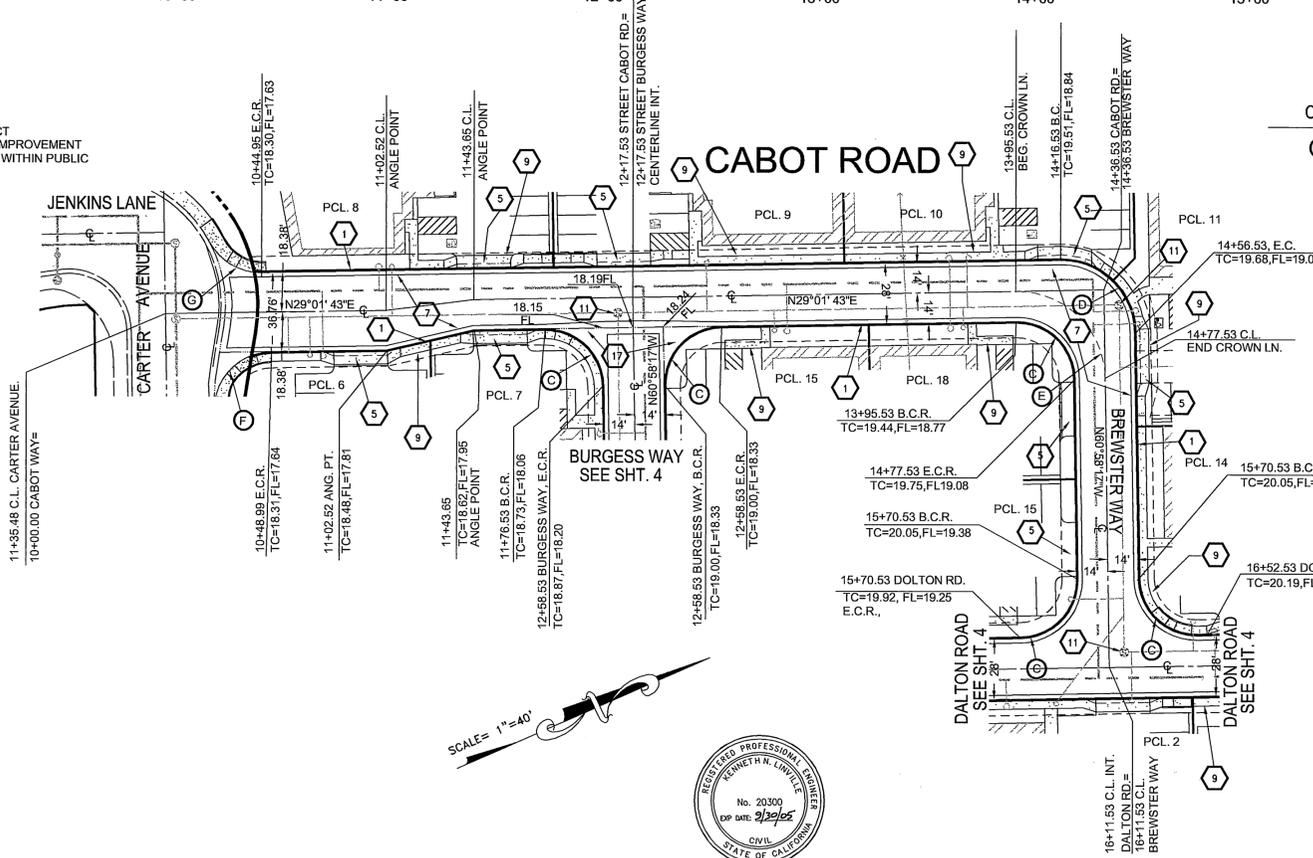
SHEET 2 OF 4

INDEXED 7-8-04 LFT



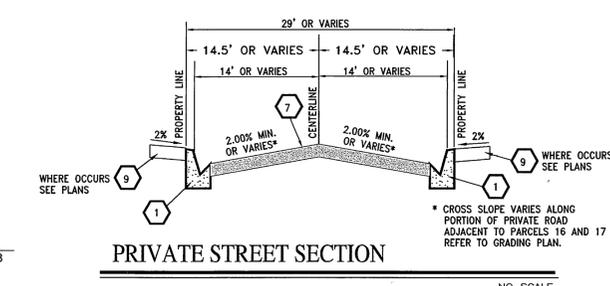
PROFILE SCALES:
 HORIZ.: 1"=40'
 VERT.: 1"=4'

NOTE:
 REFER TO PROJECT
 CARTER AVENUE IMPROVEMENT
 PLANS FOR WORK WITHIN PUBLIC
 RIGHT OF WAY.



CURB & CROWN LINE CURVE DATA:

C	R=27.00' Δ=90°00'00" L=42.41' T=27.00'	D	R=34.00' Δ=90°00'00" L=53.41' T=34.00'	E	R=41.00' Δ=90°00'00" L=64.40' T=41.00'	F	R=27.00' Δ=89°58'25" L=42.40' T=26.99'	G	R=27.00' Δ=92°20'46" L=29.38' T=16.33'
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- PRIVATE STREET CONSTRUCTION NOTES:
- CONSTRUCT 8" P.C.C. CURB WITH 24" GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 200, TYPE 1
 - CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. DWG. NO. 302, (DRIVEWAY APP. W/ CURB SIDEWALK TYPE CURB 1.)
 - CONSTRUCT 3" A.C. PAVEMENT (MIN.) OVER 5 1/2" (MIN.) AGGREGATE BASE (PRVT. STREETS) PER S.R.# _____, R=40
 - CONSTRUCT 4' WIDE P.C.C. WALK PER ARCHITECT'S PLANS.
 - ADJUST WATER VALVE CAN TO GRADE. (REFER TO PROJECT WATER PLANS FOR LOCATIONS)
 - ADJUST SEWER MANHOLE OR CLEAN-OUT LID TO GRADE (REFER TO PROJECT SEWER PLANS FOR LOCATIONS)
 - CONSTRUCT P.C.C. CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 221.

UNDERGROUND SERVICE ALERT:

Call: Toll FREE
 1-800
 227-2600

TWO WORKING DAYS BEFORE YOU DIG

"CAUTION": Remember that the USA Center notifies only those utilities belonging to the center. There could be other utilities present at the work site. The center will inform you of who(m) they will notify.

CITY BUSINESS TAX CERT. NO. 75184, EXP. DATE: 4/21/05

PLANS PREPARED BY:
**LINVILLE CIVIL ENGINEERS
 LAND SURVEYORS INC.**
 1372 FOREST STREET
 UPLAND, CA. 91784
 (909) 989-3922

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

STREET IMPROVEMENT PLANS
 PARCEL MAP 30782
 CABOT AVE. & BREWSTER WAY
 (PRIVATE STREETS)

ACCOUNT NO.
 R-3784

SHEET 3 OF 4

APPROVED BY: _____ DATE: _____
 KENNETH N. LINVILLE R.C.E. NO. 20300 EXP. 9-30-05

APPROVED BY: _____ DATE: 6/28/04

DESIGNED BY: K.N.L., DRAWN BY: J.C. CHECKED BY: K.N.L.

APPROVED BY: _____ DATE: 7/1/04
 PRINCIPAL ENGINEER

APPROVED BY: _____ DATE: 7/1/04
 CITY ENGINEER

TRAFFIC DIVISION: _____

STREET SERVICES

*AS-BUILT PER PLANS 8-15-06 Lft

P.W.03-0032

HORIZ. SCALE: 1"=40', VERT. SCALE=1"=4'

INDEXED 7-8-04 Lft

PROFILE SCALES:
 HORIZ.: 1"=40'
 VERT.: 1"=4'

820.00 T.C. LEFT

820.00 CENTERLINE

820.00 T.C. RIGHT

820.00 T.C. LEFT

820.00 CENTERLINE

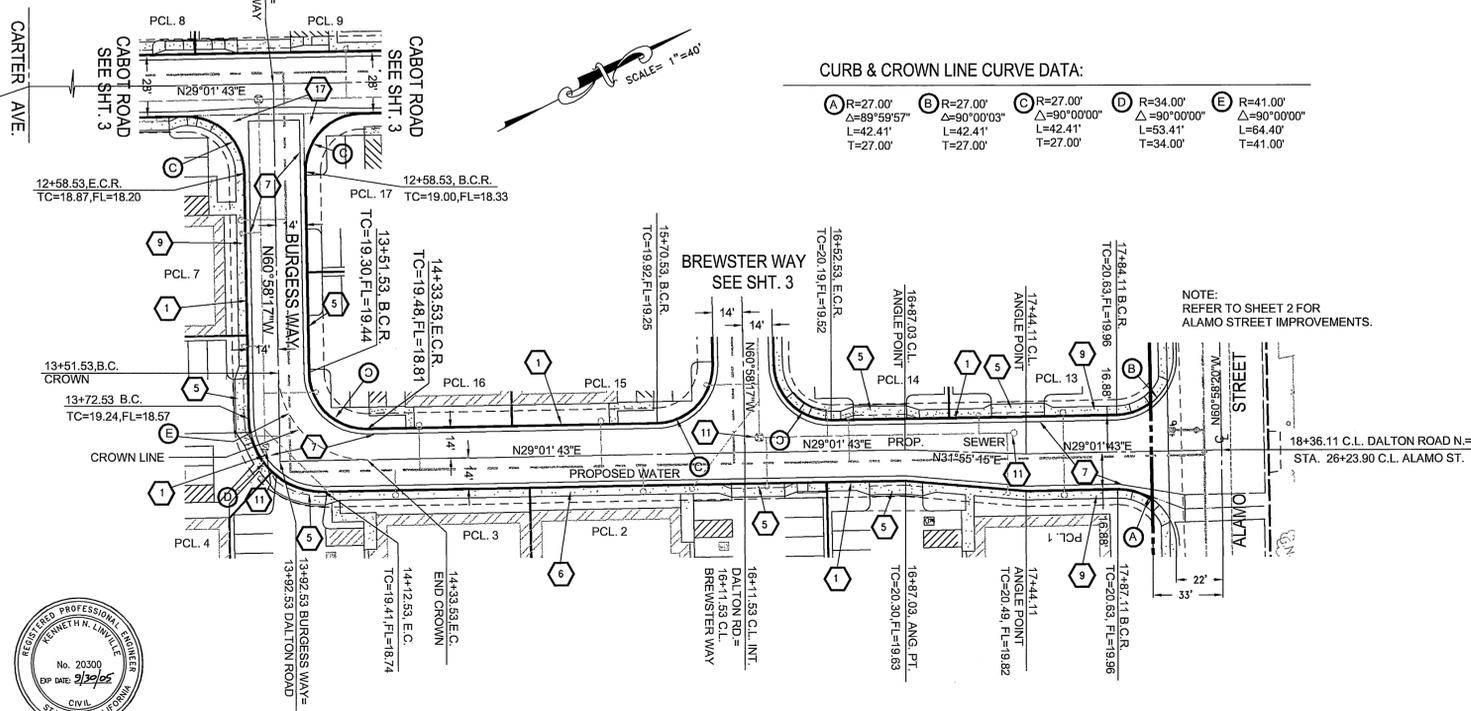
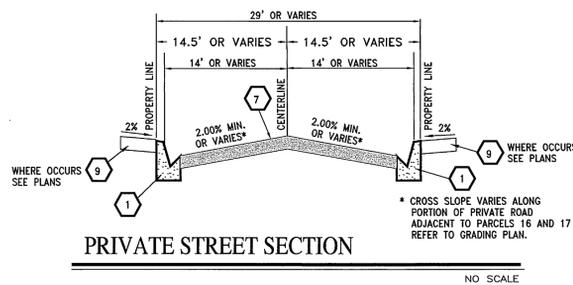
820.00 T.C. RIGHT

13+00 14+00 15+00 16+00 17+00 18+00

BENCHMARK NO. J7-K
 P.K. NAIL AND TAG IN EAST CURB OF
 MAIN STREET 18'± SOUTH OF B.C.R.
 AT COLUMBIA AVENUE.
 ELEVATION=813.23

PRIVATE STREET CONSTRUCTION NOTES:

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- 7 CONSTRUCT 3" A.C. PAVEMENT (MIN.) OVER 5 1/2" (MIN.) AGGREGATE BASE (PRVT. STREETS) PER S.R.# _____ R=40
- 9 CONSTRUCT 4' WIDE P.C.C. WALK PER ARCHITECT'S PLANS.
- 10 ADJUST WATER VALVE CAN TO GRADE. (REFER TO PROJECT WATER PLANS FOR LOCATIONS)
- 11 ADJUST SEWER MANHOLE OR CLEAN-OUT LID TO GRADE. (REFER TO PROJECT SEWER PLANS FOR LOCATIONS)
- 17 CONSTRUCT P.C.C. CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 221.



CITY BUSINESS TAX CERT. NO. 75184, EXP. DATE: 4/21/05

PLANS PREPARED BY:
**LINVILLE CIVIL ENGINEERS
 LAND SURVEYORS INC.**

1372 FOREST STREET
 UPLAND, CA. 91784
 (909) 989-3922

APPROVED BY: _____ DATE: 6/29/04
 KENNETH N. LINVILLE R.C.E. NO. 20300 EXP. 9-30-05

CITY OF RIVERSIDE WATER SYSTEM
 APPROVED BY: _____ DATE: _____

**CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT**

APPROVED BY: _____ DATE: 7/1/04
 PRINCIPAL ENGINEER
 APPROVED BY: _____ DATE: 6/29/04
 CITY ENGINEER

**STREET IMPROVEMENT PLANS
 PARCEL MAP 30782
 BURGESS WAY & DALTON RD.
 (PRIVATE STREETS)**

HORIZ. SCALE: 1"=40', VERT. SCALE: 1"=4'

P.W.03-0032

ACCOUNT NO.

R-3784

SHEET 4 OF 4

INDEXED 7-8-04 4H